

Fig. 1A

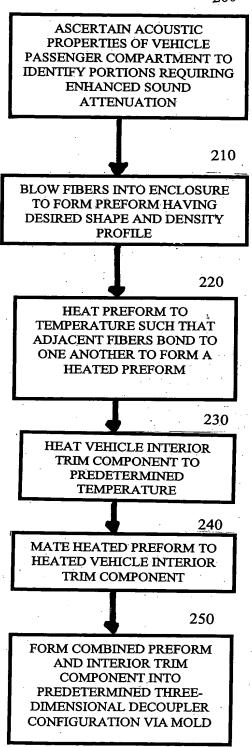
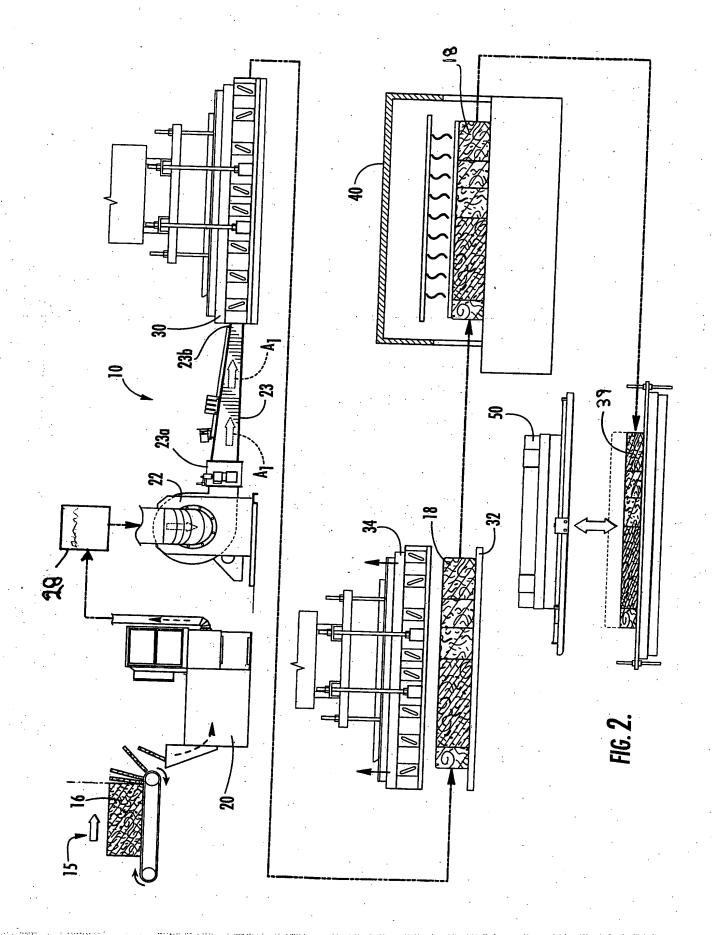
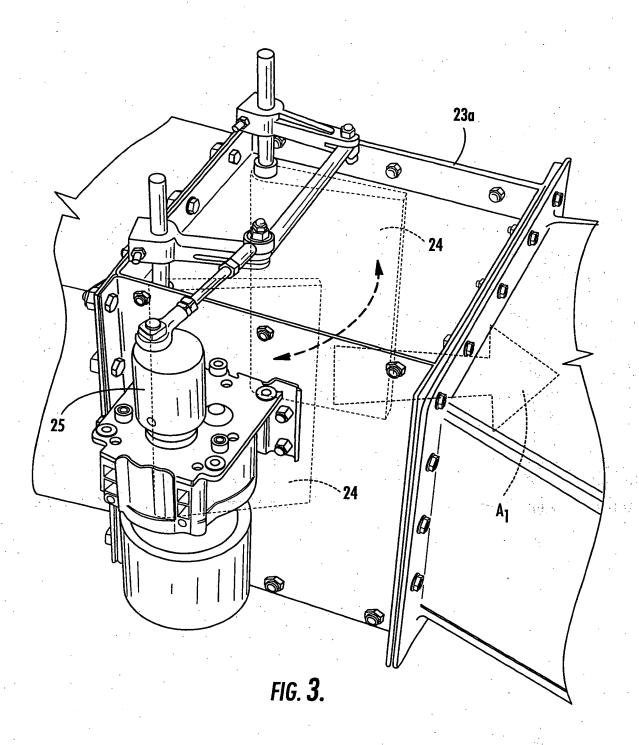
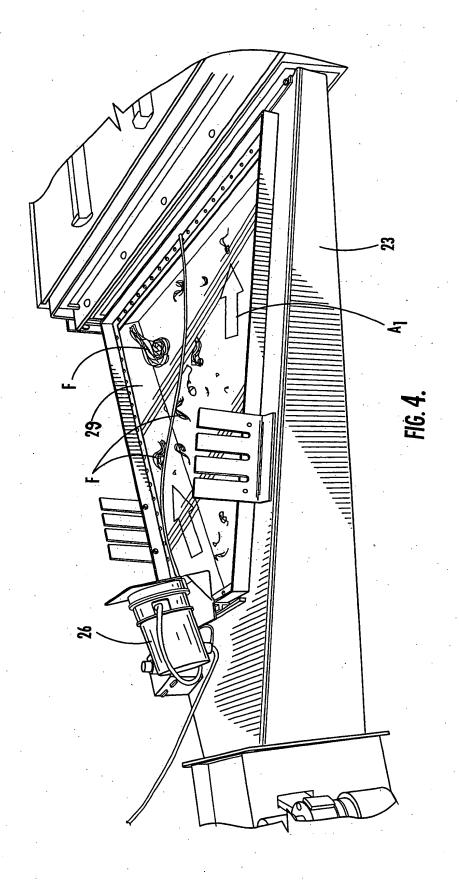
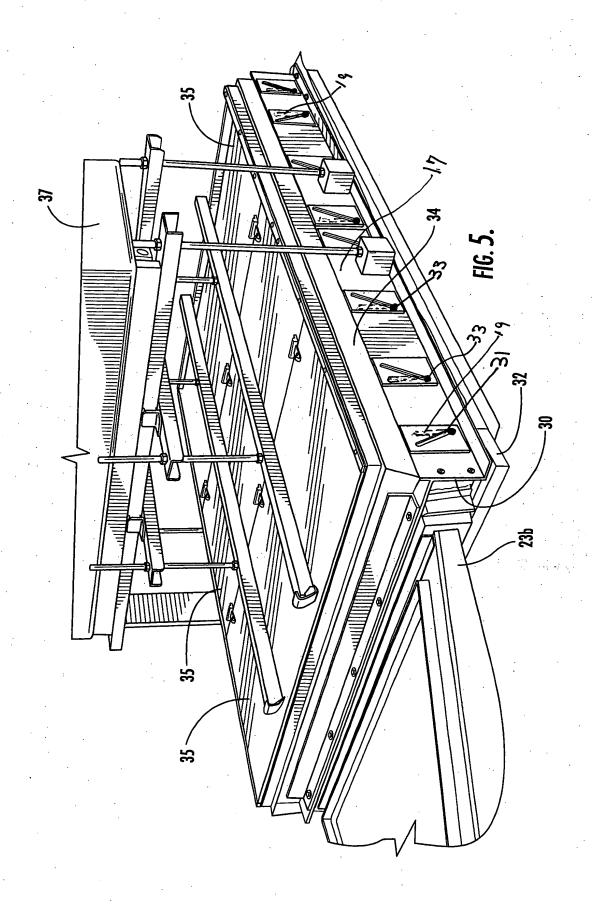


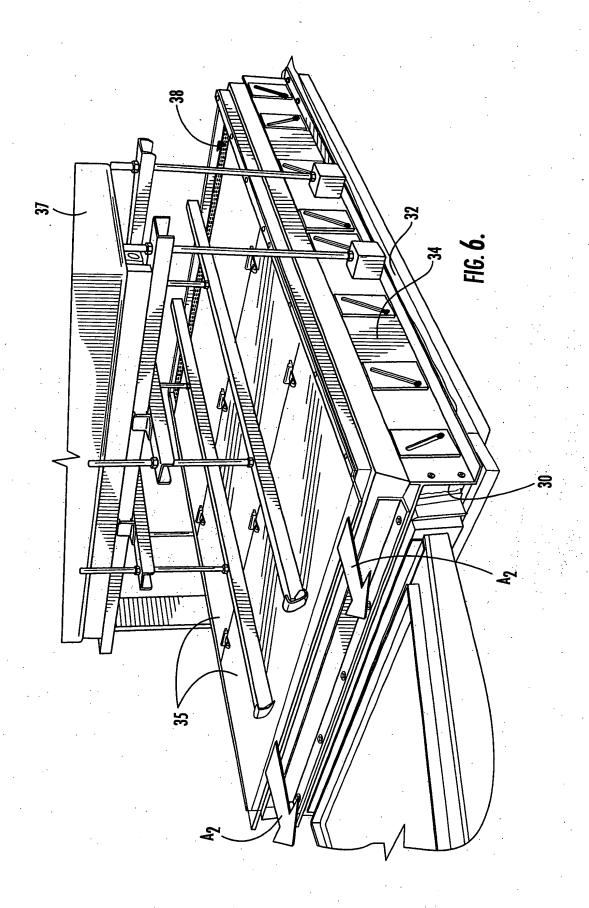
Fig. 1B

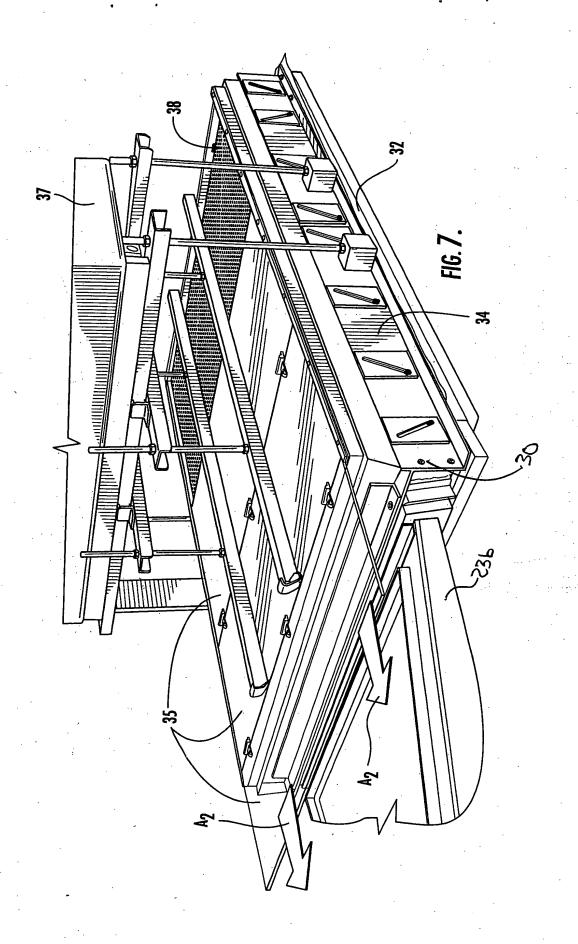


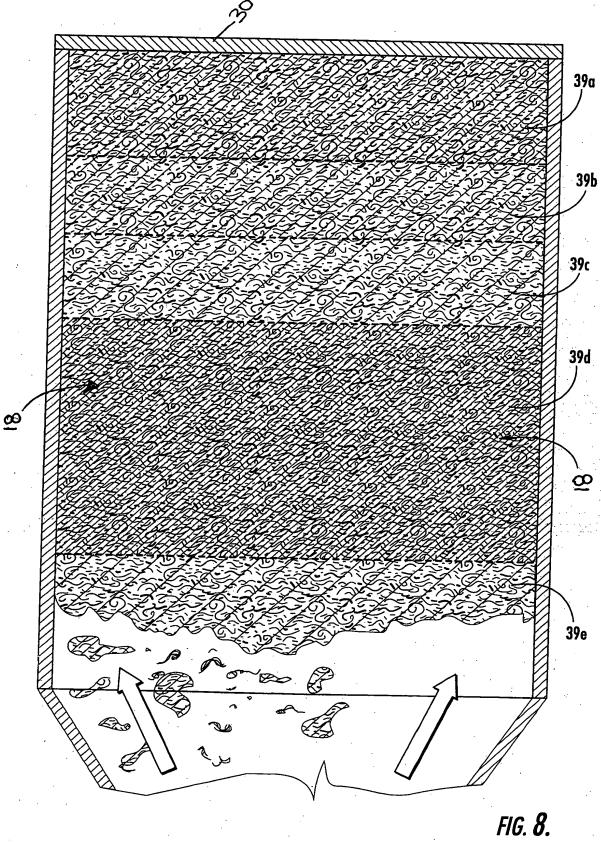


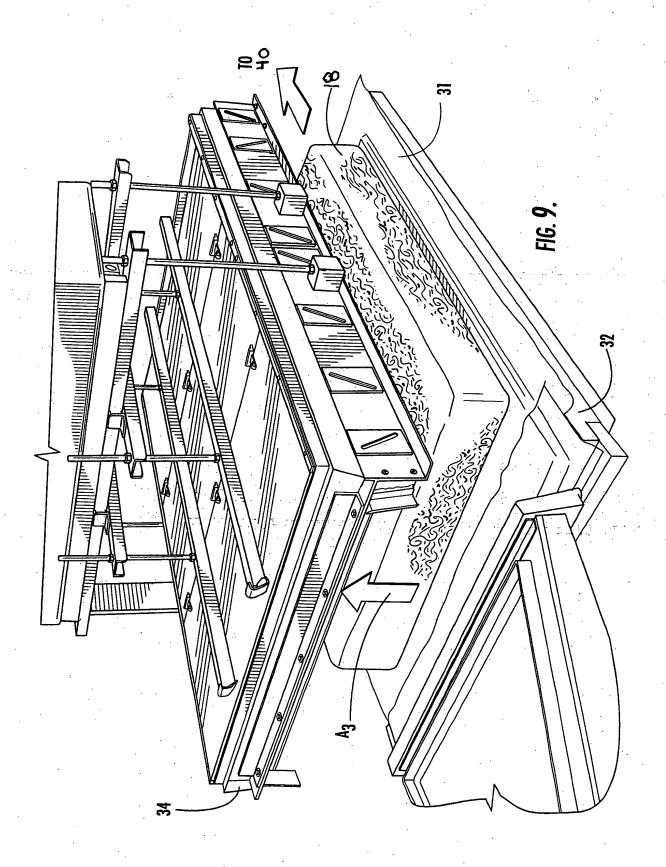


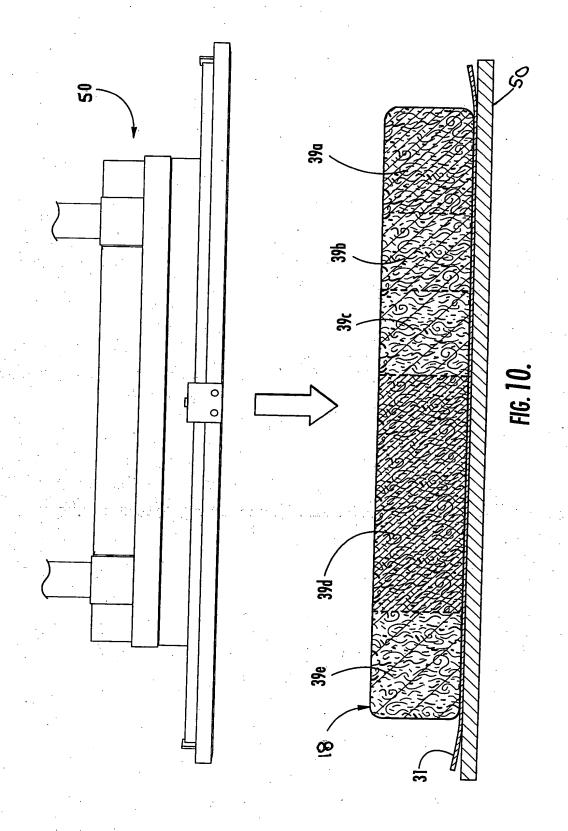


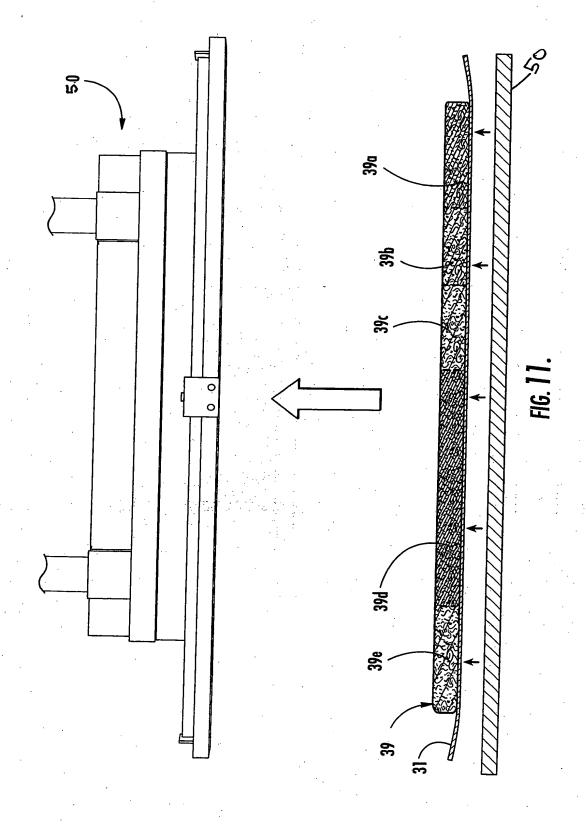


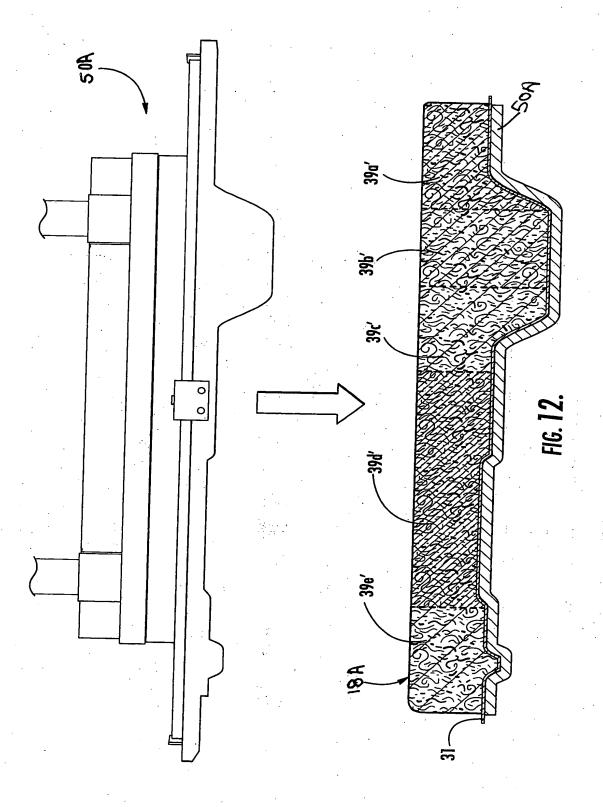


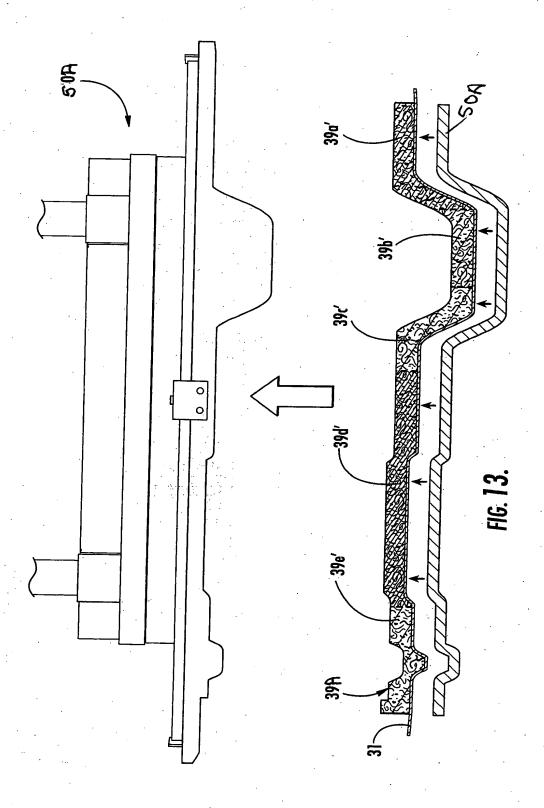


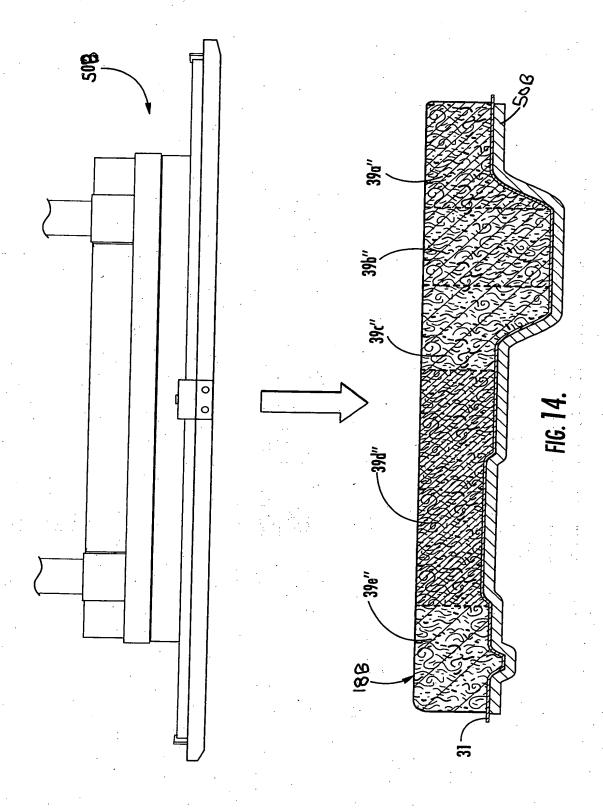


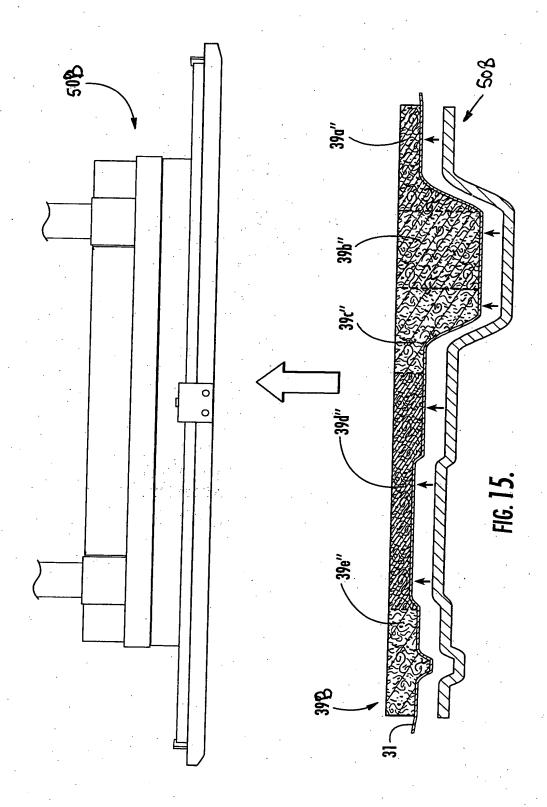


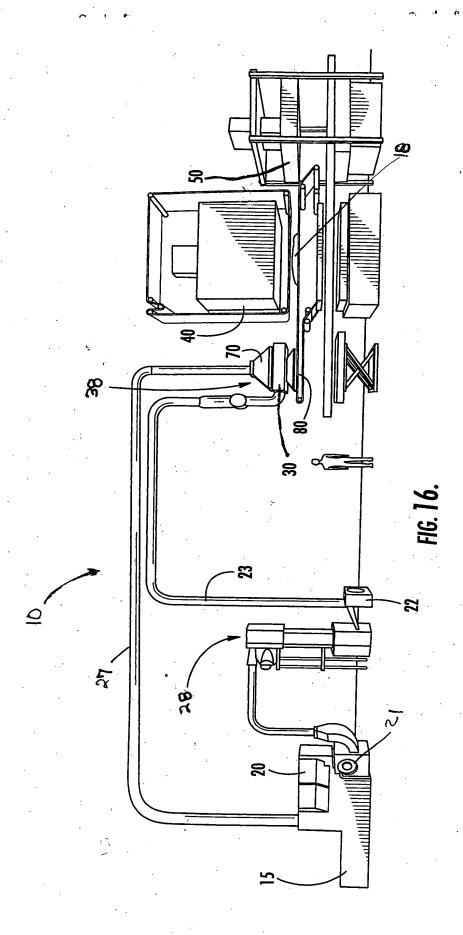


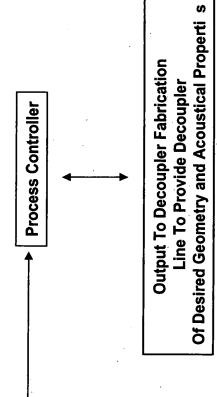












Vacuum/Pressure Combination In Enclosure

· Air flow Velocity & Temperature

**Enclosure** 

Dimensions of Decoupler At Selected

· Fiber Physical Characteristics (Denier) · Exposure Time For Perforated Portions of

Softening Characteristics of Binder

Fiber Composition

Fiber Feed Rate

ocations.

Desired Density in Decoupler At Selected

Decoupler Geometry

**Preform Geometry** 

Degree of Compression of Preform to Form

· Acoustic Characteristics of Decoupler

Oven Temperature & Airflow Rate

Decoupler

ocations

FIG 17

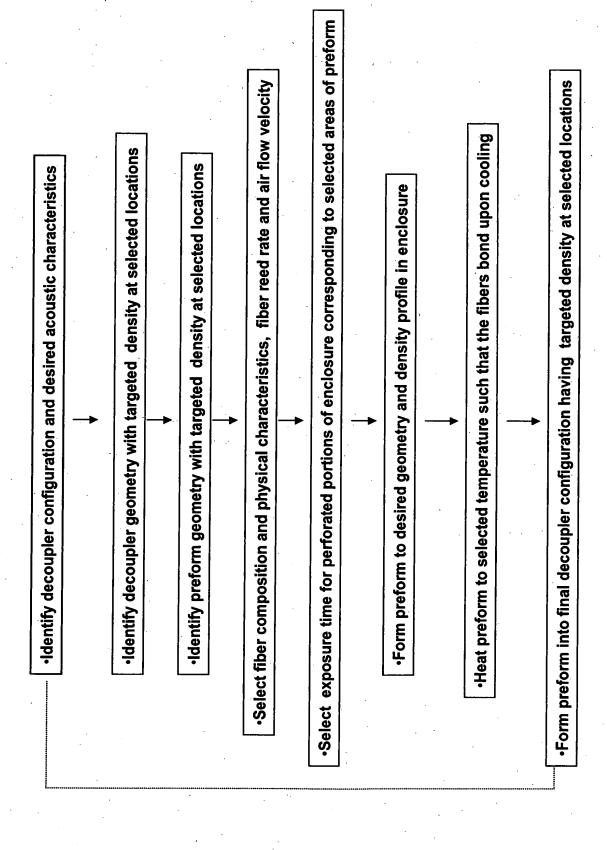


FIG. 18